BOARD REPORT

BOARD OF RECREATION AND PARK COMMISSIONERS

DATE May 17, 2017

C.D. 8

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: ALGIN SUTTON RECREATION CENTER - POOL REPLACEMENT AND BATHHOUSE RENOVATION (PRJ21117) (W.O. #E170293F) PROJECT - DEMOLITION OF THE SWIMMING POOL; CATEGORICAL EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE III, SECTION 1, CLASS 1 CATEGORIES 11 (D) AND 12 [DEMOLITION OF EXISTING STRUCTURES AND NEW OUTDOOR LIGHTING AND FENCING WITH NO EXPANSION USE], CLASS 3, CATEGORIES 6 AND 8 [NEW CONSTRUCTION OF SMALL STRUCTURES AND UTILITIES], CLASS 4 [MINOR ALTERATIONS TO LAND], AND CLASS 11 CATEGORIES 3 AND 6 [CONSTRUCTION OR PLACEMENT OF ACCESSORY STRUCTURES] OF THE CITY CEQA GUIDELINES

AP Diaz

V. Israel

R. Barajas

N. Williams

H. Fujita

General Manager

Approved

Disapproved

Withdrawn

RECOMMENDATIONS

1. Authorize the demolition of the Algin Sutton Recreation Center swimming pool, and approve the demolition plans substantially in the form on file in the Board Office; and,

2. Find that the proposed Algin Sutton Recreation Center - Pool Replacement and Bathhouse Renovation (PRJ21117) (W.O. #E170293F) Project (Project) is categorically exempt from the California Environmental Quality Act (CEQA), and direct Department of Public Works, Bureau of Engineering (BOE) staff to file a Notice of Exemption.

SUMMARY

The Algin Sutton Pool is located at 8800 South Hoover Street in the South Los Angeles area of the City. This 16.46-acre facility provides a variety of services and programs to the community, and includes baseball diamonds, a children's play area, a swimming pool, basketball courts and a recreation center. Approximately eleven thousand, three hundred fifty (11,350) residents live within a one-half (1/2) mile walking distance of this park. Due to the size of the park, and the facilities, features, and programs it provides, Algin Sutton Recreation Center meets the standard for a Community Park, as defined in the City's Public Recreation Plan.
The existing pool and bathhouse are located on the northeast area of the Algin Sutton Recreation Center. The Project proposes to replace the swimming pool and renovate the existing bathhouse. At the request of Eighth Council District Office (CD 8) to fast track the Project delivery, the demolition of the swimming pool is proposed to proceed while the plans and specifications are being finalized for the new swimming pool and bathhouse renovation.

As required by Proposition K, the Project was presented to the community. Three (3) Local Voluntary Neighborhood Oversight Committee (LVNOC) meetings were conducted. In addition to the seven (7) LVNOC members in attendance at each of the LVNOC meetings, approximately eight (8) residents and park users also attended each meeting. The community, the LVNOC, and CD 8 are in full support of the Project.

The plans and specifications for demolition work were prepared by Lehrer Architects under the direction of the Bureau of Engineering (BOE) Architectural Division.

The demolition scope of work includes the following:

1. Demolition of the existing 7,500 square-foot swimming pool and pool deck
2. Demolition of the existing tubular fence
3. Demolition of an existing steel shade structure
4. Demolition of existing underground utilities
5. Excavation, backfill and certified re-compaction of the site, to have it ready for the construction of the new pool

After review of the demolition plans and specifications by the RAP and BOE, it was determined that demolition of the existing pool, and related excavation and re-compaction for the new pool can be performed by RAP’s on-call contractors.

Once the plans and specifications for the new pool and the renovation of the pool building are completed, the finalized documents will be submitted to the Board requesting approval of the final plans and specifications and requesting authority to advertise the Project for bid.

Sufficient funds are available for the demolition project and the project contingency from the following account:

FUNDING SOURCE: RAP Capital Improvement Funds
FUND/DEPT./ACCT. NO.: 205/88/88NMAN

ENVIRONMENTAL IMPACT STATEMENT

The proposed Algin Sutton Pool and Bathhouse Replacement Project consists of demolition of the existing pool and bathhouse and installation of new outdoor lighting and fencing, both of which involve negligible or no expansion of use beyond that exists at the time of the City's determination; construction of a new pool and bathhouse and associated utilities, and minor alterations to land for excavation and grading. Therefore, RAP staff recommends that the Board
determine that the proposed Project is categorically exempt pursuant to Article III, Section 1, Class 1 Categories 11 (d) and 12, Class 3 Categories 6 and 8, Class 4 and Class 11 Categories 3 and 6 (addition of minor accessory structures) of the City of Los Angeles CEQA Guidelines. A Notice of Exemption will be filed with the Los Angeles County Clerk upon approval by the Board.

TREE AND SHADE STATEMENT

Trees and shade structure will be implemented as a part of the new construction for the pool and pool building renovations. No trees will be removed during the demolition activities.

FISCAL IMPACT STATEMENT

The proposed demolition is fully funded by RAP Capital Improvement funds. When complete, the site will be ready for construction of the new pool, splash pad, and pool pump room; pool building renovation, addition of a new pump room for the splash pad, and a new bathroom renovation of pool building bathroom facility. Therefore, approval of the plans has no impact to RAP’s General Fund.

Operational and maintenance costs associated with the new pool and renovated pool building will be discussed at the time that project is brought to the Board for authority to call for bids; however, it is anticipated that future operation and maintenance costs of the facility should be reduced, as it will be a modern and new facility, designed in accordance with the needs and recommendations of RAP, including Aquatics and Maintenance staff input.

This Report was prepared by Alex Ngo, Project Manager, BOE Architectural Division. Reviewed by Neil Drucker, Mahmood Karimzadeh, Program Manager, BOE Architectural Division; Deborah Weintraub, BOE, Chief Deputy City Engineer; and Cathie Santo Domingo, Superintendent, Planning, Maintenance and Construction Branch.
GENERAL NOTES:

1. ALL WORK PERFORMED IN THIS CONTRACT SHALL CONFORM TO:
   a. PROJECT SPECIFICATIONS.
   b. ALL WORK SPECIFIED AT THE LATEST EDITS AND EMBOLLYMENT OF THE STANDARDS
      AND REGULATIONS OF THE CITY OF LOS ANGELES PUBLIC WORKS, AMERICAN PUBLIC WORKS
      ASSOCIATION SPECIFICATIONS FOR PROFESSIONAL SERVICES (SPWPS) AND AMERICAN PUBLIC
      WORKS ASSOCIATION SPECIFICATIONS FOR PROFESSIONAL SERVICES (APWPS).
   c. CITY OF LOS ANGELES STANDARD PLANS AND SPECIFICATIONS.
   d. PROJECT SPECIFIC THINGS.

2. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE WORK SPECIFIED ON THE DRAWINGS AND
   CONTRACT DOCUMENTS, WHICH ARE FURNISHED AS A PART OF THIS CONTRACT.

3. THE EXISTING CONDITIONS SHOWN GRAPHICALLY ON THE PLANS OR IN THE FIELD OF EXCAVATION
   OR IN EITHER PLACE BY THE CITY ENGINEER, SHALL BE PREPARED BY THE CITY ENGINEER, AND
   SUCH EXISTING CONDITIONS, WHETHER SHOWN ON THE DRAWINGS OR NOT, SHALL BE A PART
   OF THE CONTRACT.

4. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES IN THE AREA OF WORK WHICH ARE
   NOT SHOWN ON THE DRAWINGS AND SHALL BE RESPONSIBLE FOR ANY DAMAGES OCCURRING
   TO SUCH EXISTING STRUCTURES DURING THE PERFORMANCE OF WORK.

5. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES IN THE AREA OF WORK WHICH ARE
   NOT SHOWN ON THE DRAWINGS AND SHALL BE RESPONSIBLE FOR ANY DAMAGES OCCURRING
   TO SUCH EXISTING STRUCTURES DURING THE PERFORMANCE OF WORK.

6. THE CONTRACTOR SHALL NOT START ANY EXCAVATION WORK UNLESS PRIOR TO SUBMITION OF HIS BID, THE CONTRACTOR IS
   IN POSSESSION OF THE REQUIRED SITE AND LEGAL DESCRIPTIONS AND WHERE THE CONTRACTOR
   SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED MEASUREMENTS AND WHERE
   THE CONTRACTOR SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED MEASUREMENTS
   AND WHERE THE CONTRACTOR SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED
   MEASUREMENTS.

7. PROTECTION AND RESTORATION OF EXISTING STRUCTURES:
   a. THE CONTRACTOR SHALL NOT START ANY EXCAVATION WORK UNLESS PRIOR TO SUBMITION OF HIS BID, THE CONTRACTOR IS
      IN POSSESSION OF THE REQUIRED SITE AND LEGAL DESCRIPTIONS AND WHERE THE CONTRACTOR
      SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED MEASUREMENTS AND WHERE
      THE CONTRACTOR SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED MEASUREMENTS
      AND WHERE THE CONTRACTOR SHALL HAVE COMPLETED THE INSTALLATION OF THE CORRECTED MEASUREMENTS.

8. CONSTRUCTION:
   a. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND
      SHALL BE RESPONSIBLE FOR THE COMPLETION OF SUCH WORK AS SPECIFIED ON THE DRAWINGS.

9. GENERAL GEOTECHNICAL NOTES:
   a. ALL WORK MUST BE IN COMPLIANCE WITH THE REQUIREMENTS INCLUDED IN THE GEOTECHNICAL REPORT AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.

10. FILL MATERIALS AND GRADING NOTES:
    a. SURFACE MATERIALS CONSISTING OF FILL ARE PROJECTED ON THE SITE. RETAINING WALLS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF THE LOCAL GOVERNMENT AGENCY.
    b. THE CONTRACTOR SHALL PROVIDE A FILL MATERIAL OF GOOD QUALITY AND APPROPRIATE SOIL CHARACTERISTICS. THE CONTRACTOR SHALL PROVIDE A FILL MATERIAL OF GOOD QUALITY AND APPROPRIATE SOIL CHARACTERISTICS. THE CONTRACTOR SHALL PROVIDE A FILL MATERIAL OF GOOD QUALITY AND APPROPRIATE SOIL CHARACTERISTICS. THE CONTRACTOR SHALL PROVIDE A FILL MATERIAL OF GOOD QUALITY AND APPROPRIATE SOIL CHARACTERISTICS.
City of Los Angeles
Department of Building
and Safety

Grading Pre-Inspection Report

Address: 800 S BEVERLY BLVD
Council District: 11
Permit Application: 18020-009-00-0308

Site Description:
generating pocket ponds backfill and grading for the new pool.

Inspector/Signatory: RENFRO TATELLISIS, (213) 462-6458
Inspector Grade: A
Inspection Date: 11/24/2004

Property Location: 753 S. BEVERLY DR
Tract: SERRA RIDGE
Lot No: 2 ANS Counts Ref No: H 5 G-256/329

Approved Grading Line: No
Fill or Cut Line: No
Fence/Retaining Wall: No

Hi-Lo Grades: No
Natural Features: No

Sever Anchors: No
Sewer / Drainage: No

Grading Approbation to Issue Permit(s):
X OK TO ISSUE SEE BELOW FOR COMMENTS.
NOTING EXCAVATION MODES HAVE BEEN SATISFIED.

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1. A grading permit is required for excavation work.
2. A copy will be retained.
3. USDA person required to verify cut at 3 ft or more.
4. All items shall be documented with a certified survey map.
5. Pre and Post Permits are required for this project.
6. Additional information for the permit is included.

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Additional requirements: A completion report will be required for pool backfill.

1. All items shall be documented with a certified survey map.
2. A grading permit is required for excavation work.
3. USDA person required to verify cut at 3 ft or more.
4. All items shall be documented with a certified survey map.
5. Pre and Post Permits are required for this project.
6. Additional information for the permit is included.

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Additional requirements: A completion report will be required for pool backfill.

1. All items shall be documented with a certified survey map.
2. A grading permit is required for excavation work.
3. USDA person required to verify cut at 3 ft or more.
4. All items shall be documented with a certified survey map.
5. Pre and Post Permits are required for this project.
6. Additional information for the permit is included.
REMOVAL NOTES:
1. Remove full depth of existing asphalt pavement 3" and full depth of base material.
2. Remove full depth of existing concrete pavement and full depth of base material.
3. Clear, clean and remove full depth of existing light pole/fixture and existing concrete area.
4. Remove full depth of existing tree/roots in its entirety.
5. Remove full depth of existing curb.
6. Remove full depth of existing chain link fence, post, footing and all related appurtenances.
7. Remove full depth of existing light pole and footing, coordinate with electrical drawings.
8. Remove existing rigid iron gate, post, footing and all related appurtenances.
9. Remove in its entirety of existing catch drain.
10. Contractor shall review existing irrigation as needed to allow for new construction. Provide shop drawings for spiking of pre-existing irrigation system prior to re-installation.
11. Remove existing utilities, coordinate with utility demolition plan.
12. Remove existing pool in its entirety.
13. Remove existing wooden sidewalk and footing in its entirety.
14. Remove existing rigid iron fence, post, footing and all related appurtenances.
15. Remove existing container and relocate, coordinate with city inspection.
16. Remove existing steel trellis.

PROTECT IN PLACE:
- Existing building.
- Existing concrete wall/footing.
- Existing concrete pavement/sidewalk.
- Existing asphalt pavement.
- Existing catch drain.
- Existing light pole.
- Existing fencing.
- Existing utilities.
- Existing tree.

REMOVAL LEGEND:
- Remove existing concrete pavement and base material, full depth.
- Remove existing asphalt pavement and base material, full depth.
- Clear, clean and remove existing light pole/fixture and existing concrete area.
- Remove existing asphalt pavement and base material, full depth.
- Clean, clear and remove existing tree/roots in its entirety.
- Remove existing water/fixture and existing concrete area, sidewalk, fence, utility or other structure.

SHEET NOTES:
1. For general notes, legends and abbreviations, refer to master legend on sheet 0.
2. See and reference, as needed, elevations or site plans and existing utilities And engineering plans for details.
3. Existing site plan, elevation and drawings, some existing trees within area of work to be protected in place for use, please.
4. Erosion control areas to be protected and vegetated as per construction guidelines.

DRAWN BY:
PREPARED BY:
CHECKED BY:
CERTIFIED BY:
DATE:
SHEET NUMBER:
REVISIONS:

DESTRUCTION PLAN
SCALE: 1" = 1 FT

DEMOLITION PLAN

REMOVAL NOTES:
1. REMOVE EXISTING DOMESTIC WATER LINE IN ITS ENTIRETY. COORDINATE RELOCATION OF SYSTEM WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
2. REMOVE EXISTING POOL RETURN LINES IN ITS ENTIRETY.
3. REMOVE EXISTING UTILITY POOL DRAIN LINE IN ITS ENTIRETY.
4. REMOVE EXISTING AREA DRAIN IN ITS ENTIRETY.
5. REMOVE EXISTING FIRE HYDRANT IN ITS ENTIRETY.
6. REMOVE EXISTING LIGHT POLE AND POSTING IN ITS ENTIRETY.
7. REMOVE EXISTING YARD BOUNDARY MEASUREMENTS.
8. REMOVE EXISTING SANITARY SEWER LINE IN ITS ENTIRETY.
9. REMOVE EXISTING FIRE WATER LINE IN ITS ENTIRETY. COORDINATE RELOCATION OF SYSTEM WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
10. REMOVE EXISTING INUNDATION LINE IN ITS ENTIRETY. COORDINATE WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
11. REMOVE EXISTING UNCERTAIN DRAIN LINE IN ITS ENTIRETY.

PROTECT-IN-PLACE NOTES:
1. PROTECT IN PLACE EXISTING CATCH BASIN.
2. PROTECT IN PLACE EXISTING LIGHT POLE.
3. PROTECT IN PLACE EXISTING POOL SUMP BOX/VALVE BOX.
4. PROTECT IN PLACE EXISTING WATER METER/BACKFLOW PREVENTER.
5. PROTECT IN PLACE EXISTING DOMESTIC WATER LINE.

REMOVAL LEGEND:
- REMOVE EXISTING UTILITY LINE, CAP AND PLUG WHERE I OCCURS.

SHEET NOTES:
1. FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS, SEE FRONT COVER.
2. AREA, DECORATIONS,  AND LANDSCAPE DRAWINGS FOR COLONIAL TIMES ARE SHOWN ON THE DRAWING.
3. SHOW TYPES TO BE Classifications, WPT Types, WPT Sizes, Colors, Colors and Sets that are To Be Shown on the Drawing.
4. EXISTING ITEMS, AS TO BE SHOWN AND LOCATED AS THE CONSTRUCTION PURPOSES.
5. CONSTRUCTION SHALL NOT INFRINGE ON THE EXISTING UTILITIES TO BE REMOVED OR TO BE MAINTAINED.

UTILITY DEMOLITION PLAN

SCALE: 1" = 10'

MATCHLINE SEE SHEET CD-104
REMOVAL NOTES:
1. REMOVE EXISTING DOMESTIC WATER LINE IN ITS ENTIRETY. COORDINATE WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
2. REMOVE EXISTING POOL RETURN LINES IN ITS ENTIRETY.
3. REMOVE EXISTING POOL DRAIN LINE IN ITS ENTIRETY.
4. REMOVE EXISTING POOL AREA DRAIN LINES.
5. REMOVE EXISTING POOL LIGHT POLE AND FOOTING IN ITS ENTIRETY.
6. REMOVE EXISTING POOL LIGHT POLE, VALVES, AND DRAIN LINES.
7. REMOVE EXISTING SANITARY SEWER LINE IN ITS ENTIRETY.
8. REMOVE EXISTING PLUMBING LINE IN ITS ENTIRETY; COORDINATE WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
9. REMOVE EXISTING IRRIGATION LINE IN ITS ENTIRETY; COORDINATE WITH CITY REPRESENTATIVE PRIOR TO START OF REMOVAL.
10. REMOVE EXISTING STORM DRAIN LINE IN ITS ENTIRETY.
11. REMOVE EXISTING FIRE DEPARTMENT CONNECTION IN ITS ENTIRETY.
12. REMOVE EXISTING THRUST BLOCK IN ITS ENTIRETY.
13. REMOVE EXISTING CLEANER IN ITS ENTIRETY.

PROTECT IN PLACE NOTES:
14. PROTECT IN PLACE EXISTING CATHODE.
15. PROTECT IN PLACE EXISTING LIGHT POLE.
16. PROTECT IN PLACE EXISTING POOL BOOY/VALVE.
17. PROTECT IN PLACE EXISTING WATER METER BACKFLOW PREVENTER.
18. PROTECT IN PLACE EXISTING DOMESTIC WATER LINE.
19. PROTECT IN PLACE EXISTING SEWER LINE.

REMOVAL LEGEND:
- REMOVE EXISTING UTILITY JIC, CAP AND PLUG, NOTE: IT OUCHES.

SHEET NOTES:
1. FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS, SEE SHEETS COOOI, COOOG, AND COOOG.
2. SEE ARCHITECTURAL AND LANDSCAPE DRAWINGS FOR OTHER SITE RELATED INFORMATION AND PAVING PATTERN NOT SHOWN ON THIS SHEET.
3. ENCLOSED AREAS TO BE CLEANED AND GRADED, ALL EXISTING TREES WITHIN LTEA OF WORK TO BE REMOVED.
4. EROSION CONTROL AREA TO BE REVEGATED AND RELOCATED AS THE CONSTRUCTION PROGRESSES.
5. CONTRACTOR SHALL NOTホール AT ANY TIME EXCEPT TO RETRIEVE EXISTING UTILITY TO POOL OR TO BE REMOVED.

UTILITY DEMOLITION PLAN

SCALE: 1" = 10'
ESTIMATED EARTHWORK
QUANTITY
ESTIMATED CUT = 3,085 CY.
ESTIMATED FILL = 826 CY.

NOTES:
1. ESTIMATED CUT INCLUDES THE TILL REMOVED TO FILL THE EXISTING FISSURE, ACRE.
2. THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE FOR ESTIMATING PURPOSES ONLY AND ARE TO BE USED ONLY FOR APPRISAL, FUNDING, AND PERMITTING.
3. ESTIMATED EARTHWORK ABOVE IS BASED ON DESIGN FOOTPRINTS TO EXISTING EXCAVATIONS, WHERE THE ESTIMATED EARTHWORK WAS CRUSHERD TO A MAXIMUM SIZED MATERIAL AND EMULATED.
4. THE CONTRACTOR SHALL CALCULATE EARTHWORK QUANTITIES FOR SUBMITTAL PURPOSES.
5. ESTIMATED EARTHWORK QUANTITIES ABOVE DISREGARD ANY ON-SITE MATERIALS AND ARE SUFFICIENT FOR BULK EARTHWORK, BULK MATERIALS, AND IMPORTED MATERIALS.
6. CONTRACTOR MUST PROVIDE A DEPOSIT OF THE EXCESS OF ESTIMATED CUT MATERIALS TO BE STOOGED ON SITE.

ROUGH GRADING PLAN
SCALE: 1" = 10'

GRADING NOTES:
1. ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLIZED. (7012.1)
2. STANDARD 4 INCH HIGH CURB IS REQUIRED AT TOP OF ALL BRANDED SLOPES. (7013.3)
3. NO FILL TO BE PLACED UNTIL THE CITY GRADING INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM OF EXCAVATION.
4. MAN-MADE FILL SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95 PERCENT OF ITS MAXIMUM DENSITY. FILL SHALL BE DROPPED UNTIL NO FEET BELOW FINISH GRADE, EXCEPT A LAYER ABOVE COMPACTION OF 150 FEET AT A DENSITY OF 95 PERCENT OF ITS MAXIMUM DENSITY IS REQUIRED BY THE SOILS ENGINEERING.
5. TEMPORARY FILL CONTINGENCY TO BE INSTALLED BETWEEN OCTOBER 1 AND APRIL 15. TEMPORARY FILL CONSTRUCTION AND SITES IMPROVEMENTS APPROVED BY PROPOSED GRADING INSPECTOR.
6. ALL CUT OR FILL SLOPES SHALL BE NO STEEPER THAN 2:1 (2H:1V).
7. STAKE AND FLAG THE PROPERTY LINES IN ACCORDANCE WITH A LICENSED SURVEY MAP.

SHEET NOTE:
1. THE SOILS ENGINEER IS TO APPROVE THE KEY OR BOTTOM AND LEAVE A CERTIFICATE ON THE SITE APPROVING THE SOILS CONDITIONS AND CONSTRUCTION OF THE EXCAVATION. DETAILS ABOUT THE GRAVITY SOILS CONDITIONS AND, FOR BOTTOM INSPECTION, DETAILS ABOUT THE GRAVITY SOILS CONDITIONS MAY BE PLACED WITHOUT APPROVAL OF THE GRAVING INSPECTOR.

THIS PLAN HAS BEEN REVIEWED AND CONFORMING TO EARTHWORK QUANTITIES ARE APPRISAL, FUNDING, AND PERMITTING. DAY, 2018

SIGNATURE AND DATE

CD106
CONSTRUCTION NOTES:

STORM DRAIN:
1. INSTALL 6'-30' STORM DRAIN OVERFLOW PLAN FOR DETAIL 1 ON SHEET CD11 EA. SEE PLAN FOR DETAIL.
2. CONNECT TO EXISTING CATCHBASIN.

SANITARY SEWER:
1. INSTALL 3'-30' SANITARY SEWER LINE PER DETAIL 1 ON SHEET CD11 EA. SEE PLAN FOR DETAIL.
2. CONNECT TO EXISTING SANITARY SEWER LINE.
3. INSTALL CLEANOUT PER DETAIL 3 ON SHEET CD11 EA.

WATER:
1. INSTALL 2'-3/4" COPPER TYPE "I" WATER PIPE PER DETAIL 1 ON SHEET CD11 EA.
2. CONNECT TO EXISTING WATER MAIN, METER SIZE IN FIELD AND PROVIDE READING FITTINGS AND COUPLINGS AS NEEDED. METER LOCATION IN FIELD PRIOR TO CONSTRUCTION/INSTALLATION.
3. INSTALL THRUST BLOCK PER DETAIL 3 ON SHEET CD11 EA.

FIRE WATER:
1. INSTALL 4" AREA COP PVC PRESSURE CLASS DRAIN FIRE HYDRANT PER DETAIL 1 ON SHEET CD11 EA.
2. CONNECT TO EXISTING WATER MAIN, METER SIZE IN FIELD AND PROVIDE READING FITTINGS AND COUPLINGS AS NEEDED. METER LOCATION IN FIELD PRIOR TO CONSTRUCTION/INSTALLATION.
3. INSTALL BACKFLOW PREVENTER PER DETAIL 2 ON SHEET CD11 EA.
4. INSTALL FIRE DEPARTMENT CONNECTION PER DETAIL 1 ON SHEET CD11 EA.
5. INSTALL THRUST BLOCK PER DETAIL 3 ON SHEET CD11 EA.
6. CONNECT TO EXISTING FIRE HYDRANT, PROVIDE READING FITTINGS AND COUPLINGS AS NEEDED.
7. INSTALL POST INDICATOR VALVE PER DETAIL 4 ON SHEET CD11 EA.

SHEET NOTE:
1. CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND DEPTH OF ITS OR ITS LINE AT POINT OF TRENCHING TO ENSURE FOR NEW UTILITY SCHEDULE.
2. CONTRACTOR SHOULD VERIFY ALL EXISTING mature WITH PUBLIC UTILITIES OF ANY AND REMOVE ANY EXISTING STORM DRAIN SYSTEM INSTALLATION.

SITE UTILITY PLAN

SCALE: 1" = 1'
CONSTRUCTION NOTES:

STORM DRAIN:
1. INSTALL 3"X10' STORM DRAIN OVERFLOW PLAN PER DETAIL 1 ON SHEET CD110. SEE SCALE.
2. CONNECT TO EXISTING DRAINAGE CATCH BASIN.

SANITARY SEWER:
3. INSTALL 3"X10' SANITARY DRAIN PIPE PER DETAIL 1 ON SHEET CD110. SEE SCALE.
4. CONNECT TO EXISTING SANITARY DRAIN LINE.
5. INSTALL CLEANOUT PER DETAIL 2 ON SHEET CD110.

WATER:
6. INSTALL 3/4" COPPER TYPE "2" WATER PIPE PER DETAIL 1 ON SHEET CD110.
7. CONNECT TO EXISTING WATER MAIN. VERIFY SIZE IN FIELD AND MARK LOCATIONS. FITTINGS AND COUPLE AT HEAD. VERIFY LOCATION IN FIELD PRIOR TO CONSTRUCTION/INSTALLATION.
8. INSTALL ISOLATION BLOCK PER DETAIL 2 ON SHEET CD110.

FIRE WATER:
9. INSTALL 2" X 100' SCHEDULE 40 STEEL PIPE PER DETAIL 1 ON SHEET CD110.
10. CONNECT TO EXISTING FIRE MAIN. VERIFY SIZE IN FIELD AND MARK LOCATIONS. FITTINGS AND COUPLE AT HEAD. VERIFY LOCATION IN FIELD PRIOR TO CONSTRUCTION/INSTALLATION.
11. INSTALL BAYFLOM PREVENTOR PER DETAIL 2 ON SHEET CD110.
12. INSTALL FIRE DEPARTMENT CONNECTION PER DETAIL 1 ON SHEET CD110.
13. INSTALL ISOLATION BLOCK PER DETAIL 2 ON SHEET CD110.
14. CONNECT TO BUILDING FIRE WATER CONNECTION. PROVIDE REDUCING FITTINGS AND COUPLE AT HEAD.
15. INSTALL POST INDICATOR VALVE PER DETAIL 4 ON SHEET CD110.

SITE UTILITY PLAN:

1. CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND DEPTH OF ALL UTILITY LINES AT POINT OF INSTALLATION PRIOR TO TRENCHING FOR NEW UTILITY INSTALLATION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS BEFORE THE START OF ANY EXISTING UTILITY SYSTEM INSTALLATION.

SHEET NOTE:

1. CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND DEPTH OF ALL UTILITY LINES AT POINT OF INSTALLATION PRIOR TO TRENCHING FOR NEW UTILITY INSTALLATION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS BEFORE THE START OF ANY EXISTING UTILITY SYSTEM INSTALLATION.
CONSTRUCTION NOTES:

1. INSTALL GRAVEL BASES UNTIL THE COMPLETION OF THE SITE CONSTRUCTION. REFER TO DETAILS 2 ON SHEET CD104.
2. CATCH BASIN / INLET PROTECTION PER DETAIL 12 ON SHEET CD114.
3. EMBANKMENT CONSTRUCTION EXCEPTED PER DETAIL 4 ON SHEET CD104 AND DETAIL 11 ON SHEET CD102.
4. TIE FENCE PER DETAIL 8 ON SHEET CD113. INSTALL Silt fence on temporary construction fence.
5. PROPOSED AREA FOR EQUIPMENT STAGING. CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CPW.
6. PROPOSED AREA FOR FUELING/OLING CONTRACTOR TO VERIFY ACTUAL AREA NOTED AND COORDINATE WITH THE CPW (265-63) AND DETAIL 9 ON SHEET CD104.
7. PROPOSED AREA FOR LOADING CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CPW.
8. TRUCK TRAVEL ROUTE.
9. PROPOSED AREA FOR TEMPORARY TOILET CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CPW.
10. TIME WASH PER DETAIL 8 ON SHEET CD114.
11. TEMPORARY FENCING FENCING SHALL BE MINIMUM 8 FEET TALL AND SHALL HAVE A 0.5 FOOT MINIMUM AROUND THE FENCE. THE DIRECTION BARREN SHALL EXTEND THE LENGTH OF THE SURFACE AND SHALL BE ANNEXED TO THE SURFACE. BARREN SHALL BE LOCATED BEHIND THE INCLINE. TEMPORARY FENCING ALONG THE HORIZONTAL, FRONT LOAD OF ANY DIRECTIONAL TEMPORARY FENCING POSTS AND CEMENT SHALL BE SECURED AT ALL TIMES. THE FORCE SHALL BE LEFT IN PLACE FOR THE LIFE OF THE CONTRACTOR THAT WILL BUILD THE REPLACEMENT POOL.

EROSION CONTROL PLAN

MATCHLINE SEE SHEET CD113

SHEET NOTES:

1. LOCATION FOR ANY DESIGNATED STOCKPILE SHALL BE COORDINATED AND DETERMINED BY THE CONTRACTOR ON-SITE. CONTRACTOR SHALL APPLY THE LOCATION TO THE STOCKPILE AS OUTLINED IN DETAIL 7 ON SHEET CD114.
2. INSTALL 2" OF TEMPORARY COVER ON ALL ON-SITE CONSTRUCTION ROADWAYS TO STABILIZE AND CONTROL EROSION.
3. CONTRACTOR SHALL PROVIDE TIME TO TIME MONITOR THE CONSTRUCTION SITE TO CLEAN AND REMOVE MATERIALS SURPLUS TO SITE.
4. ALL BANKS, BULK HEADS, SILT FENCES ETC. SHALL BE MONITORED AND MAINTAINED BY THE CONTRACTOR FOR THE DURABILITY OF THE ENCUMBER.
5. CONTRACTOR SHALL MONITOR WATERWAY DISCHARGE (INCL. STORM RUNOFF) TO ENSURE IT MEETS STANDARDS SET BY APPROPRIATE AGENCY. DISCHARGES, DREDGED MATERIALS, AND OTHER PRODUCTS, MUST PROCEED AT A RATE THAT DOES NOT CREATE A HAZARD OR THE PROBABLE HAZARD TO THE ENVIRONMENT.
6. CONTRACTOR SHALL NOT DISCHARGE POLLUTANTS DOWNSTREAM OF ANY RECEIVING BODIES OF WATER. POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO, LUBRICATION OILS, HYDRAULIC OILS, CHEMICALS, AND OTHER SUCH PRODUCTS. FAILURE TO CURE AND PROPERLY DISPOSE OF MATERIALS CONSIDERED HAZARDOUS OR CONDEMNS THE ENCUMBERMENT OF PRODUCTS.
7. FOR EROSION CONTROL, DESIGN, NOTES, AND MENTION REQUIREMENTS, SEE DETAIL 17 ON SHEET CD114.
8. CONTRACTOR SHALL PROVIDE WOODED PROFESSIONAL STREET DRAINAGE SYSTEMS ON CROWDTRACTOR-PROJECTED AHEAD, AND ALONG THE PROJECT-PROJECTED AHEAD, CONTRACTOR SHALL PROVIDE ON A DAILY BASIS.
9. CONTRACTOR SHALL PROVIDE WOODED SPECIFIC TO THE ENCUMBERMENT OF MATERIALS CONSIDERED HAZARDOUS OR CONDEMNS THE ENCUMBERMENT OF PRODUCTS.
10. CONTRACTOR SHALL INSTALL ALL EXISTING DRAIN UPLANDS WITHIN A NON-STORMWATER RUNOFF FORD FROM THE ENCUMBERMENT OF THE DRAINAGE SYSTEM.
CONSTRUCTION NOTES:
1. INSTALL TEMPORARY TOILET, CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CP.
2. INSTALL "NO STORMWATER RUNOFF" FROM ENTERING THE STORM DRAIN SYSTEM.
3. INSTALL SLT FDICE ON SHEET CD114.
4. MV PLUMBING, CONTRACTOR TO VERIFY ACTUAL AREA, AND COORDINATE WITH THE CP.
5. INSTALL TEMPORARY CONSTRUCTION SITE FENCING, CONTRACTOR TO VERIFY EXACT LOCATION AND COORDINATE WITH THE CP.
6. INSTALL TEMPORARY FENCING SHALL BE REVIEWED PER SHEET CD112.
7. INSTALL ANCHORED TO THE SURFACE, AND SHALL BE ABLE TO WITHSTAND A 200-POUND HORIZONTAL LOAD IN ANY DIRECTION. THE INSTALLATION SHALL BE SECURED AT ALL TIMES. THE FENCE SHALL BE LEFT IN PLACE FOR FUTURE USE BY THE GENERAL CONTRACTOR THAT WILL BUILD THE REPLACEMENT POOL.

EROSION CONTROL PLAN

SCALE: 1" = 1'0"

SHEET NOTES:
1. LOCATION FOR ANY DESIGNATED STOREPILLES SHALL BE COORDINATED AND DETERMINED BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE DETAILS FOR THE STOREPILLES AS OUTLINED IN DETAIL 1 ON SHEET CD113.
2. INSTALL 2" OF TEMPORARY CAB GUM ON ALL ON-SITE CONSTRUCTION ROADWAYS TO STABILIZE AND CONTROL EROSION.
3. CONTRACTOR SHALL ALSO PROVIDE "WASTE WATER DISCHARGE (INCLUDING STORM WATER) TO ENSURE IT MEETS STANDARDS SET BY APPLICABLE LAWS, CODES, REGULATIONS, AND PERMITS. PROVIDE A WASTE SAMPLING STATION DOWNSTREAM OF BASE FOR MONITORING OF WASTE WATER DISCHARGE.
4. CONTRACTOR SHALL PROTECT ALL EXISTING DRAIN WELLS WITHIN A 500-FOOT RADIUS OF THE CENTER OF THE SITE TO PREVENT IN-LAND STORMWATER RUNOFF ENTERING THE STORM DRAIN SYSTEM.

MATCHLINE SEE SHEET CD112
NOTES:
1. THE TIRE WASH REQUIRES A SUPPLY OF WASH WATER.
2. A TURNOUT OR DOUBLE-MEDE EXIT IS REQUIRED TO AVOID HAVING ENTERING VEHICLES DRIVING THROUGH THE WASH AREA.
3. DO NOT USE WET TRUCKS LEAVING THE SITE LEAVE THE ROAD DANGEROUSLY.
4. INCORPORATE WITH A STABILIZED CONSTRUCTION ENTRANCE/EXIT.
5. HIGH NOX Spreadsheet BE DESIGNED AND CONSTRUCTED/MADE FOR ANTICIPATED TRAFFIC LOADING.
6. NOTE: FUELING SHALL BE PERFORMED IN A DESIGNATED AREA. AWAY FROM COURSES.

STABILIZED CONSTRUCTION ENTRANCE/EXIT

11-11

1. THE TIRE WASH REQUIRES A SUPPLY OF WASH WATER.
2. A TURNOUT OR DOUBLE-MEDE EXIT IS REQUIRED TO AVOID HAVING ENTERING VEHICLES DRIVING THROUGH THE WASH AREA.
3. DO NOT USE WET TRUCKS LEAVING THE SITE LEAVE THE ROAD DANGEROUSLY.
4. INCORPORATE WITH A STABILIZED CONSTRUCTION ENTRANCE/EXIT.
5. HIGH NOX Spreadsheet BE DESIGNED AND CONSTRUCTED/MADE FOR ANTICIPATED TRAFFIC LOADING.

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4. INCORPORATE WITH A STABILIZED CONSTRUCTION ENTRANCE/EXIT.
5. HIGH NOX Spreadsheet BE DESIGNED AND CONSTRUCTED/MADE FOR ANTICIPATED TRAFFIC LOADING.

NOTES:
1. FIRE PROTECTION IS REQUIRED ALONG WITH OTHER POLLUTION PREVENTION MEASURES SUCH AS: EROSION CONTROL, SOIL STABILIZATION, AND MEASURES TO REDUCE WASHING OVER PAVEMENT SURFACES.
2. FLOOD-BASED PROTECTION AS NEEDED TO AVOID CREATING TRAFFIC HAZARDS.
3. INCREASES PROTECTION MEASURES AT HILLSIDE DRAINAGE SWALES.
4. INLET PROTECTION SHALL BE PROTECTED AND ACCUMULATED SEDIMENTS REMOVED.
5. DAMAGED BAGS SHALL BE REPLACED IMMEDIATELY.
6. ADDITIONAL SEDIMENT TRAPS SHALL BE PLACED AT INTERVALS AS INDICATED ON SITE PLAN.

OWNERS STATEMENT OF UNDERSTANDING

AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, I HAVE READ AND UNDERSTAND THE REQUIREMENTS. I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER THIS PROJECT. I ACKNOWLEDGE THAT I WILL SUBJECT TO THE REQUIREMENTS. I, OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, WILL MAKE CERTAIN THAT ALL REQUIREMENTS ARE FULLY IMPLEMENTED. IF I OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, FAIL TO COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR OR I OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, SHALL BE SUBJECT TO THE CONSTRUCTION SITE AT ALL TIMES AND WILL BE AVAILABLE FOR INSPECTION OF THE CONTRACTOR OR I DEPARTMENT. AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER THIS PROJECT. I ACKNOWLEDGE THAT I WILL SUBJECT TO THE REQUIREMENTS. I, OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, WILL MAKE CERTAIN THAT ALL REQUIREMENTS ARE FULLY IMPLEMENTED. IF I OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, FAIL TO COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR OR I OR MY REPRESENTATIVE, CONTRACTOR, DEVELOPER, OR ENGINEER, SHALL BE SUBJECT TO THE CONSTRUCTION SITE AT ALL TIMES AND WILL BE AVAILABLE FOR INSPECTION OF THE CONTRACTOR OR I DEPARTMENT.